

September 8, 2005

TOPIC: GENERIC SAFETY ISSUE 191, "ASSESSMENT OF DEBRIS ACCUMULATION ON PWR SUMP PERFORMANCE"

INDUSTRY: NUCLEAR ENERGY INSTITUTE, INC. (NEI)
NUCLEAR PLANT LICENSEES

SUBJECT: SUMMARY OF MEETING ON JUNE 30, 2005, TO DISCUSS THE
RESOLUTION STATUS OF GSI-191

On June 30, 2005, members of the U.S. Nuclear Regulatory Commission (NRC) staff met with industry at NEI Offices, Washington, DC. The purpose of the meeting was to discuss the resolution status of GSI-191. The meeting was noticed on June 15, 2005 (ADAMS ML051660493). The meeting was a Category 2 public meeting and was webcast. Public Meeting Feedback forms were available, but none were received following the meeting. Enclosed is a list of attendees. The slides presented at the meeting are in ADAMS at ML052510169. Additionally, the NRC staff handed out responses to 25 industry questions that had been provided to the staff in advance of the meeting. The staff responses are in ADAMS at ML051800733.

One discussion topic at the meeting was coatings. There have been recent experiences where containment coatings were found to be peeling or otherwise degraded. Due to these experiences, the NRC staff stated that licensees need to address why their coating's adherence is acceptable. An industry representative proposed a short-term working group on coatings and the NRC staff agreed to participate with such a group.

Another topic discussed was chemical effects possibly affecting strainer head loss. Industry presented some "bump-up" factors that they had developed to partially account for chemical effects head loss. The NRC staff stated that the licensee's September 2005 responses to Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors," should address chemical effects and that could be by providing margin for the current uncertainties associated with chemical effects. Additionally, the September response should include a discussion of plans to obtain the technical information necessary to confirm the adequacy of the assumed margin.

The NRC staff made clear that December 31, 2007 is the scheduled completion date for implementing the appropriate modifications. However if a licensee did not believe that they could meet that date, then the licensee should request an extension. The staff stated that such extension request would need to address why the original schedule could not be met and the risk of continued operation for the duration of the requested extension. The staff emphasized that there was no guarantee that any extension request would be granted, just that the staff would review requests and determine if they were justified.

Also during the meeting, a licensee stated that they were looking at using the Section 6 methodology to address GSI-191 because they estimated that they gain substantial margin over a deterministic methodology.

Finally, Industry representatives stated during the meeting that strainer vendors were going to be working together to develop surrogate debris material for some strainer testing.

The meeting ended with the understanding that future meetings would be after the September 2005 responses are submitted.

Please direct any inquiries to Jon B. Hopkins at 301-415-3027, or JBH1@nrc.gov.

/RA/

Jon B. Hopkins, Senior Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Project No. 689

Enclosure: Attendance list

cc w/encl: See next page

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NRC MEETING WITH INDUSTRY

JUNE 30, 2005

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M. Dinger, Westinghouse
B. Davenport, Exelon
C. Feist, TXU Power
H. L. Williams, Framatome-ANP
G. Dolderer, FPL
J. Cavallo, CCC&L, Inc.
A. Smith, Enercon
M. Hazeltine, Duke Energy
J. Cash, Southern Nuclear
A. K. Singh, S&L
M. Kai, Dominion
P. Willoughby, Dominion
G. Wissinger, AREVA
M. Kostelnik, Constellation
B. Dunn, FPL
S. Wihlen, Constellation
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D. Walker, Exelon
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